

A1
CONCL.

Please replace claim 2 with the following amended claim 2:

2. (Amended) The video imaging system according to claim 1, wherein said camera control unit comprises a configurable hardware device.

Please replace claim 3 with the following amended claim 3:

3. (Amended) The video imaging system according to claim 2, wherein said program configures said configurable hardware device.

Please replace claim 4 with the following amended claim 4:

4. (Amended) The video imaging system according to claim 1, wherein said camera control unit comprises a programmable hardware device.

Please replace claim 5 with the following amended claim 5:

5. (Amended) The video imaging system according to claim 4, wherein said program programs said programmable hardware device.

✓

Please replace claim 15 with the following amended claim 15:

A2
CONCL.

15. (Amended) The video imaging system according to claim 14, wherein said camera head sends confirmation to said camera control unit that said commands were received.

✓

Please replace claim 18 with the following amended claim 18:

A3
CONT'D

18. (Amended) The system according to claim 1, further comprising software executing on said camera control unit for determining when said camera head is in communication with said camera control unit.

A3
CONCL. ✓
Please replace claim 19 with the following amended claim 19:

19. (Amended) The system according to claim 1, further comprising software executing on said camera control unit for downloading said program when said camera head is in communication with said camera control unit.

Please replace claim 20 with the following amended claim 20:

20. (Amended) The system according to claim 1, wherein the storage device is a remote location.

✓
Please replace claim 22 with the following amended claim 22:

A4
CONCL.
22. (Amended) A video imaging system, comprising:
a camera for transmitting image data;
a camera control unit for receiving and processing the image data from said camera;
a storage device accessible by said camera control unit;
a program stored on said storage device;
software executing on said camera control unit for determining when said camera is in communication with said camera control unit;
said program executing on said camera control unit for configuring hardware of said camera control unit; and
said program executing on said camera control unit for enabling said camera control unit to process the image data.

✓
Please replace claim 27 with the following amended claim 27:

A5
CONT'D
27. (Amended) A video imaging system, comprising:
a camera control unit for receiving and processing image data;
a program for enabling said camera control unit to process the image data;

A5
CONCL.

a configurable hardware device located on said camera control unit for processing the image data;

a processor located on said camera control unit for executing said program; and
said program executing on said processor for enabling said configurable hardware device and enabling said camera control unit to process the image data.

Clean Version of Amended Specification:

Please replace the two consecutive paragraphs beginning on page 4, line 15 with the following amended paragraphs:

U.S. Patent No. 5,896,166 to D'Alfonso et al. ("D'Alfonso") relates to a video camera system for reading operating parameter information from a memory device located on the camera head and using the information to adjust the camera control unit. This permits interchangeable camera heads to be used with camera control units.

However, the information is not transferred to, and stored on, the control unit to overwrite an overwritable or configurable portion of the control unit. D'Alfonso does not disclose a configurable or programmable hardware device. Instead, D'Alfonso only requires reading information from a memory device, which is located apart from the control unit.